

Converting Colors

XYZ(53.1759, 51.9588, 90.4455)

Have a look what the booklet for
XYZ(53.1759, 51.9588, 90.4455)
contains.

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Color

**XYZ(53.1759, 51.9588,
90.4455)**

Conversions

Conversions Part 1

Format	Color
Hex	B7BBF1
RGB	183, 187, 241
RGB Percent	72%, 73%, 95%
CMY	0.2823, 0.2667, 0.0549
CMYK	0.24, 0.22, 0.00, 0.05
HSL	236°, 67%, 83%
HSV	236°, 24%, 95%
XYZ	53.1759, 51.9588, 90.4455
YIQ	191.9600, -19.7180, 15.9460

Conversions

Conversions Part 2

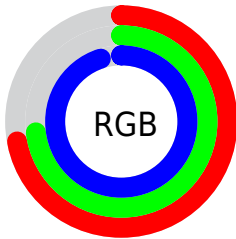
Format	Color
RYB	183, 187, 241
Decimal	12041201
CIELab	77.26, 10.03, -27.22
CIElCh	77, 29.010, 290.232
Yxy	51.9588, 0.2719, 0.2657
Android (android.graphics.Color)	4290231281 (0xFFB7BBF1)
YUV	191.9600, 24.1767, -7.8579
Hunter-Lab	72.0825, 5.5368, -23.9364

Details

The XYZ color **53.1759, 51.9588, 90.4455** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **75.1076, 82.6882, 56.8030**, and the grayscale version is **49.9526, 52.5540, 57.2313**.

A 20% lighter version of the original color is **86.0358, 89.8464, 107.4153**, and **26.3353, 25.2201, 49.3789** is the 20% darker color. If you saturate the color by 10%, you get **43.5332, 40.4661, 88.7363**, and if you desaturate by 10%, it is **64.5471, 65.4490, 92.4509**.

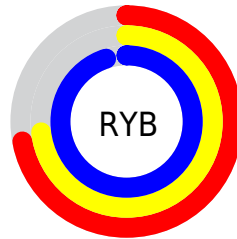
Distribution



Red (72%)

Green (73%)

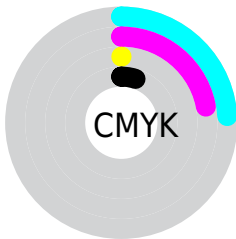
Blue (95%)



Red (72%)

Yellow (73%)

Blue (95%)

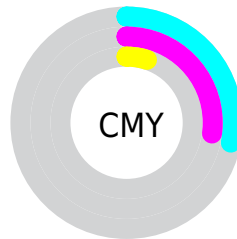


Cyan (24%)

Magenta (22%)

Yellow (0%)

Black (5%)



Cyan (28%)

Magenta (27%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.1759, 51.9588, 90.4455 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 53.1759, 51.9588, 90.4455 by changing the saturation by 10% instead.

■ 53.1759, 51.9588,
90.4455

■ 53.1759, 51.9588,
90.4455

389.2094,
394.2775, 550.0864

■ 38.1712, 36.9722,
67.7744

■ 94.0272, 93.0705,
149.8980

■ 26.2934, 25.1860,
49.2487

120.6045,
119.9644, 187.5164

■ 17.1771, 16.2157,
34.4498

151.7701,
151.5962, 230.9544

■ 10.4569, 9.6769,
22.9592

187.8893,
188.3503, 280.6305

■ 5.7675, 5.1853,
14.3584

229.3275,
230.6111, 336.9632

■ 2.7436, 2.3564,
8.2287

276.4500,

■ 1.0196, 0.8033,

278.7629, 400.3711

4.1518

329.6222,
333.1903, 471.2726

■ 0.0000, 0.0000,
1.7090

■ 0.0000, 0.0000,
0.3669

■ 53.1759, 51.9588,
90.4455

■ 53.1759, 51.9588,
90.4455

■ 43.5332, 40.4661,
88.7363

■ 64.5471, 65.4490,
92.4509

■ 35.5295, 30.8699,
87.3059

■ 77.7204, 81.0186,
94.7619

■ 29.0750, 23.0701,
86.1405

■ 92.6596, 98.6954,
97.3864

■ 24.0690, 16.9546,
85.2240

■ 92.8774, 99.1309,
97.4590

■ 20.3993, 12.3987,
84.5380

■ 17.9366, 9.2607,
84.0621

■ 16.5260, 7.3724,
83.7720

■ 16.0721, 6.7404,
83.6739

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



47.5933, 51.9588, 92.4361



53.1759, 51.9588, 90.4455



58.0681, 51.9588, 78.5104

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



53.1759, 51.9588, 90.4455



56.5456, 51.9588, 36.1504



39.5797, 51.9588, 51.5363

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



53.1759, 51.9588, 90.4455



75.1076, 82.6882, 56.8030

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



41.6143, 51.9588, 39.1597



53.1759, 51.9588, 90.4455



51.2217, 51.9588, 31.4442

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



53.1759, 51.9588, 90.4455



60.1126, 51.9588, 46.6317



45.7792, 51.9588, 32.4314



40.0167, 51.9588, 67.8383

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



53.1759, 51.9588, 90.4455



60.1463, 51.9588, 67.5760



45.7792, 51.9588, 32.4314



39.9910, 51.9588, 46.8366

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



53.1776, 51.9609, 90.4467



83.7109, 86.6218, 106.9154



66.1494, 79.0448, 91.2556



17.7188, 18.3058, 22.8494



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



53.1776, 51.9609, 90.4467



54.7087, 52.2317, 101.8060



58.5906, 53.5087, 90.4601



14.9848, 15.4038, 19.9050



8.7495, 3.7233, 45.3854



0.7583, 0.3705, 3.7858

Inverse Universe

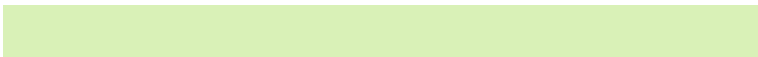
The Inverse Universe completely reimagines the original color for something new.



62.1801, 56.1570, 54.5781



66.6531, 57.8797, 54.1980



68.5694, 81.0567, 56.8327



15.8170, 15.7765, 16.5927



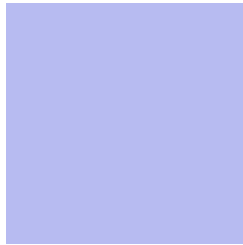
19.7420, 10.1692, 1.2919



1.6577, 0.8521, 0.1882

Previews

White Background



This preview shows how the XYZ color 53.1759, 51.9588, 90.4455 looks on a white background.

Color Contrast Check

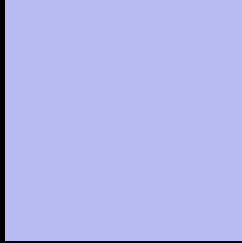
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 53.1759, 51.9588, 90.4455 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

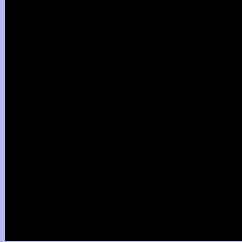
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.1759, 51.9588, 90.4455

Background



This preview shows how black text looks on a background with the XYZ color 53.1759, 51.9588, 90.4455.



This preview shows how white text looks on a background with the XYZ color 53.1759, 51.9588,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

53.1759, 51.9588, 90.4455

Protanopia

52.3561, 52.1531, 91.3115

Deuteranopia

53.1759, 51.9588, 90.4455



Tritanopia

48.5866, 52.0411, 67.1587

Trichromacy



Original Color

53.1759, 51.9588, 90.4455

Protanomaly

52.6006, 51.9610, 91.2615

Deuteranomaly

53.1759, 51.9588, 90.4455

Tritanomaly

50.1395, 52.0126, 75.1070

Monochromacy



Original Color

53.1759, 51.9588, 90.4455

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

51.0326, 52.2989, 68.3778

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.1759, 51.9588, 90.4455 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(183, 187, 241)` looks like.

```
.text, #text, p{  
    color:rgb(183, 187, 241)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(183, 187, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 187, 241) }
```

Border

The CSS property to change the border of an element to XYZ 53.1759, 51.9588, 90.4455 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(183, 187, 241) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(183, 187, 241) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(183, 187, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 187, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 187, 241);  
box-shadow:4px 4px 4px 4px rgb(183, 187,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 53.1759, 51.9588, 90.4455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 187, 241) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(183,  
187, 241) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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